# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date
Robert Lee Angell	03/18/2008
Robert R. Friedlander	03/22/2008
James R. Kraemer	03/18/2008

### **RECEIVING PARTY DATA**

Name:	nternational Business Machines Corporation		
Street Address:	New Orchard Road		
City:	Armonk		
State/Country:	NEW YORK		
Postal Code:	10504		

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12054084

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ATTORNEY DOCKET NUMBER:	END920070492US1
NAME OF SUBMITTER:	Mari A. Stewart

Total Attachments: 6

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PATENT REEL: 020695 FRAME: 0856 1 \$40.00

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PATENT REEL: 020695 FRAME: 0857

#### ASSIGNMENT

Whereas, we,

(1) Robert Lee Angell County of Salt Lake

of <u>Salt Lake City</u> and State of Utah

and

(2) Robert R. Friedlander County of New Haven

of <u>Southbury</u> and State of Connecticut

and

(3) <u>James R. Kraemer</u> County of Santa Fe of <u>Santa Fe</u> and State of New Mexico

have invented certain improvements in

### Optimizing Cluster Based Cohorts to Support Advanced Analytics

and e	xecuted,	respectively,	a United	l States	patent	application	<pre>herefore</pre>	on
(Date:	s Invento	respectively, rs Signed Dec.	laration)	(1)	SMA	m 200	Δ,	
(2)				and $(3)$				

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed in Salf Cahelil location

)11 <u>(0</u>

Robe**f**t

*Lee Angell* 

Page 1 of 2

PATENT REEL: 020695 FRAME: 0858

## IBM DOCKET NO. END920070492US1

and	(2)	Signed	in		on			
		-		location		date		_
						Robert R.	Fri∈	edlander
and	(3)	Signed	in		on			
anu	(3)	Signed		location	 	date		_·
							R.	Kraemer

### ASSIGNMENT

Whereas, we,	
(1) Robert Lee Angell County of <u>Salt Lake</u>	of <u>Salt Lake City</u> and State of <u>Utah</u>
and .	
(2) Robert R. Friedlander County of New Haven	of <u>Southbury</u> and State of <u>Connecticut</u>
and	
(3) James R. Kraemer County of <u>Santa Fe</u>	of <u>Santa Fe</u> and <u>State of <u>New Mexico</u></u>
have invented certain improvements	in
Optimizing Cluster Based Co	horts to Support Advanced Analytics
and executed, respectively, a Unit (Dates Inventors Signed Declaration (2) Mey 21, 2008	ed States patent application therefore on (1), and (3),
New York, having a place of busine called IBM), desires to acquire the	ESS MACHINES CORPORATION, a corporation of ss at Armonk, New York 10504, (hereinafter e entire right, title and interest in the d to any United States and foreign patents
acknowledged, we, the above named IBM, its successors and assigns, the said application and invention the foreign countries, and in all foreign the filling of said the Commissioner of Patents to is invention set forth in said applicant we hereby agree that IBM may invention and we will execute all	e consideration, receipt whereof is hereby d, hereby sell, assign, and transfer to he entire right, title and interest in the erein disclosed for the United States and eign countries, and all rights of priority United States application, and we request save any Letters Patent granted upon the eation to IBM, its successors and assigns; apply for foreign Letters Patent on said papers necessary in connection with the ons when called upon to do so by IBM.  On
	Robert Lee Angell

Page 1 of 2

and (2	?) Signe	d in _	Southbury (	On_	Mar 22, 2	<u>0</u> 08
				Obert PF.	Robert R. Frie	)
					RODELL R. FILE	ulanuel
and (3	3) Signe	d in _	location	on	date	_ <b>·</b>

James R. Kraemer

### ASSIGNMENT

Whereas, we,	
(1) Robert Lee Angell County of Salt Lake	of <u>Salt Lake City</u> and State of <u>Utah</u>
and	
(2) Robert R. Friedlander County of New Haven	of <u>Southbury</u> and State of <u>Connecticut</u>
and	
(3) <u>James R. Kraemer</u> County of <u>Santa Fe</u>	of <u>Santa Fe</u> and State of <u>New Mexico</u>
have invented certain improvements	in
Optimizing Cluster Based Col	norts to Support Advanced Analytics
<pre>and executed, respectively, a Unit (Dates Inventors Signed Declaration, (2)</pre>	ed States patent application therefore on (1), , and (3) 18 MAR 18
New York, having a place of busines called IBM), desires to acquire the said application and invention, and to be obtained therefor;  Now therefore, for a valuable acknowledged, we, the above named IBM, its successors and assigns, the said application and invention the foreign countries, and in all fore resulting from the filing of said the Commissioner of Patents to is invention set forth in said applicand we hereby agree that IBM may invention and we will execute all	ass MACHINES CORPORATION, a corporation of ss at Armonk, New York 10504, (hereinafter e entire right, title and interest in the to any United States and foreign patents e consideration, receipt whereof is hereby d, hereby sell, assign, and transfer to be entire right, title and interest in the erein disclosed for the United States and ign countries, and all rights of priority United States application, and we request some any Letters Patent granted upon the ation to IBM, its successors and assigns; apply for foreign Letters Patent on said papers necessary in connection with the cons when called upon to do so by IBM.  On
	Robert Lee Angell

Page 1 of 2

and	(2)	Signed	in		on	
		J	location		date	?
					Robert	R. Friedlander
and	(3)	Signed	in <u>Santa Fe</u> location	WM	on 18MAR date	
				James R.	Kraeme, Ja	ames R. Kraemer